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April 6, 1993

Mr. Ralph O. Howard, Jr.
Project Coordinator
United States Environmental Protection Agency
Region IV - Waste Management Division
345 Courtland Street, N.E.
Atlanta, GA 30365

Subject: Medley Farm Site RD/RA Monthly Report - March 1993.

Dear Mr. Howard:

The following submittal constitutes RMT's monthly report to the US EPA regarding the Medley Farm Site RD/RA for March 1993. This report is submitted on behalf of the Medley Farm Site Steering Committee (Steering Committee) to satisfy the requirements of Section XI, Paragraph 30 of the Consent Decree entered into by EPA and the members of the Steering Committee. This monthly report describes tasks initiated or completed as part of the RD/RA for the Medley Farm Site during the reporting period.

PROJECT TASKS INITIATED OR COMPLETED DURING THE MONTH OF MARCH 1993

MONITORING OF EXISTING SITE CONDITIONS

Site Characterization:

Implement Quarterly Sampling and Analysis Plan

- CLP data package and data summary for fourth quarter ground water results were submitted to EPA.

SCOPING AND INITIAL DATA COLLECTION ACTIVITIES

Scoping and Review Activities:

Review Existing Information and Guidance

- Completed

Collection of Additional Site Data

- Aquifer tests were conducted on Recovery Wells A-4 and B-4. RMT is presently reducing the data and conducting ground water flow modelling on the site in support of prefinal design efforts.

Treatability/Pilot Testing

- RMT is presently preparing technical memorandums describing the results of the SVE pilot-testing and aquifer testing.



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Health & Safety Plan

- Completed.

REMEDIAL DESIGN ACTIVITIES

Remedial Design Planning

RD Work Plan

- Completed and approved by US EPA.

Preliminary Design

- Completed and approved by US EPA.

Prefinal/Final Design

- The Piping and Instrumentation Diagram (Drawing 938-C04) has been finalized. Upon completion of the ground water modelling, RMT engineers will complete the PreFinal Design.
- RMT reviewed the draft NPDES permit limitations from SC DHEC and revised the permit application to address specific SC DHEC needs. We now are awaiting SC DHEC responses to these most recent permit submissions.
- Design efforts are presently centered around the proposed gravity discharge to Jones Creek. RMT expects to move "up the pipes" to the central ground water treatment system and move outward to the extraction well systems as the ground water modelling reaches completion.
- Jones Creek is not considered a navigable water way by the SC Water Resources Commission. As such, there is no requirement for a SC WRC permit for the proposed diffuser in Jones Creek. The nearest navigable waterway to the site is Thicketty Creek, which is the surface water body into which Jones Creek flows.

REMEDIAL ACTION

Well Installation

Wells A-1, A-4, and B-4 were successfully installed.

OPERATION AND MAINTENANCE

There are no current activities to report on at this time in the project.

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PERFORMANCE MONITORING

There are no current activities to report on at this time in the project.

PROJECT TASKS PLANNED FOR THE MONTH OF APRIL 1993

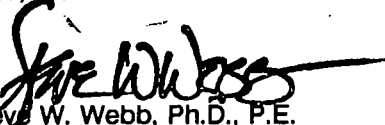
The following activities are scheduled for the next reporting period beginning April 1, 1993 and continuing through April 30, 1993:

- Complete and submit technical memorandum regarding aquifer testing to the US EPA.
- Complete and submit SVE pilot testing report to the US EPA.
- Conduct quarterly sampling.
- Conduct packer tests on BW-111 and BW-112 after completion of quarterly sampling.
- Continue with PreFinal design activities.
- Await SC DHEC response to revised NPDES permit application.
- Coordinate with SC DHEC and identify status of storm water variance request.

Ralph, if you have any questions or comments regarding the material provided herein, please contact either myself or David Nichols.

Sincerely,

RMT, Inc.



Steve W. Webb, Ph.D., P.E.
Project Coordinator

cc: Medley Farm Site Steering Committee Distribution
File 938.11 (C)